TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation Person for Follows (7) Initials			
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date	
August 1953		538	7 of 7	u/s of confluence with Hackensack	No	Outside the study area	MCB	10/26/93	
April/May 1958		559	1 of 6	w/s of CRR of NJ to confluence with Hackensack River	No	Outside the study area	MCB	10/26/93	
May /June 1958		560	1 of 3	confluence with Hackensack River and ws	No	Outside the study area	MCB	10/26/93	
Mar/April/May 1960		563	7 of 12	LVRR Br. (CRR of NI) and I-78 Br in Newark Bay	No	Outside the study area	MCB	10/26/93	
Mar/April/May 1960		563	10 of 12	d/s of abandoned CRR of NJ RR Br to confluence with Hackensack	No	Outside the study area	MCB	10/26/93	
March 1961		565	6 of 6	w/s of LVRR (CRR of NJ) to d/s of 1-78 Br	No	Outside the study area	MCB	10/26/93	
April 1961		569	1 of 3	d/s of abandoned CRR of NJ Br	No	Outside the study area	MCB	10/26/93	
May 1961		569	3 of 3	d/s Penn Passenger RR Br to w/s DL&W RR	No	Outside the study area	MCB	10/12/93	
March/April 1961		570	1 of 3	confluence with Hackensack	No	Range Map	MCB	10/26/93	
December 1961		572	6	d/s of abandoned CRR of NJ Br	No	Outside the study area	MCB	10/26/93	
Dec '61/Jan. '62		572	7	Hackensack u/s of confluence with Passaic	No	Outside the study area	MCB	10/26/93	
March 1962		572	10	Hackensack u/s of confluence with Passaic	No	Outside the study area	MCB	10/26/93	
July 1968		606	1 of 1	d/s of abandoned CRR RR Br	No	Outside the study area	MCB	10/14/93	
July 1968		607	1 of 1	d/s of abandoned CRR RR Br	No	Outside the study area	MCB	10/14/93	
August 1968		608	1 of 1	d/s of abandoned CRR RR Br	No	Outside the study area	MCB	10/14/93	
April/May 1968		615	4 of 8	u/s and d/s I-78 Br	No	Outside the study area	MCB	10/26/93	
April/May 1968		615	5 of 8	Confluence with Hackensack to Conrail RR Br	No	Outside the study area	MCB	10/26/93	
April/May 1968		615	6 of 8	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	11/4/93	
April/May 1968		615	7 of 8	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	11/3/93	
December 1976		710	1 of 5	d/s of abandoned CRR of NJ Bridge	No	Outside the study area	MCB	10/26/93	
February 1977		<i>7</i> 11	1 of 1	d/s of abandoned CRR of NJ Bridge	No	Outside the study area	MCB	10/26/93	
July 1977		718	1 of 1	d/s of abandoned CRR of NJ Bridge	No	Outside the study area	МСВ	10/26/93	
November 1980		742	1 of 3	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	11/3/93	
April 1983		761	2 of 4	d/s of LVRR Br. (CRR of NJ) to confluence with Hackensack	No	Outside the study area	MCB	10/12/93	
February/March 1983		761	3 of 4	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
February/March 1983		763	1 of 5	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
February/March 1983		763	2 of 5	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
April 1983		765	1 of 3	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
April 1983		765	2 of 3	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/27/93	
August 1983		768	1 of 2	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
September 1983		769	1 of 2	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
September 1983		770	1 of 2	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
October 1983		771	1 of 2	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/14/93	
Nov/December 1986		787	1 of 14	u/s of confluence with Hackensack	No	Outside the study area	мсв	10/26/93	
Nov/December 1986		787	2 of 14	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/27/93	

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	X - Y	Туре	Class.	Water	Dredge	River
Sounding Survey (1)	No.	File No.(2)	No.	Coordinate System	of Map (3)	of Map (4)	Body	Survey (5)	Reach (6)
June 1989		797	2 of 15	NJ Mercator	S	В	P		Kearny Point
June 1989		797	3 of 15	NJ Mercator	S	В	P		Kearny Point
SURVEYS									
May 1919		239	1 of 1	?	S	С	P		Harrison
March 1919		241	1 of 1		BM	С	P		Wallington to Belleville
November 1920		246	7	Bogart	S	С	P		Harrison to Point No Point
November 1920		247	1 of 1	Bogart	S	С	P		Harrison
November 1920		248	l of l	Bogart	BM	С	P		Harrison to Kearny Point
February 1921		250	l of 2	Bogart	ВМ	С	P&H		Lower Passaic and Hackensack
February 1921		251	1 of 1	Bogart	BM	С	P&H		Hackensack/Passaic Rivers
May 1922		253	l of l	Bogart	S	С	P		Harrison
April 1940		254	1 of	Bogart	S	С	R		Raritan River
1921		254	1 of 2	Bogart	S	С	P		Point No Point to Kearny Point
May 1922		255	1 of 1	Bogart	S	С	P		Harrison
April 1925		270	1 of 3	?	S	С	P		Nutley to Belleville
April 1925		271	1 of 1	?	s	С	P		Rutherford
April 1925		272	1 of 1	?	S	С	P		Wallington and u/s
January 1930		306	1 of 1	Bogart	S	С	P		Rutherford
March 1930		311	1 of 1	Bogart	S	С	P		Nutley to Belleville
March 1930		312	1 of 1	Bogart	S .	С	P		Wallington to Rutherford
December 1930		318	1 of l	Bogart	S	С	P		Rutherford
February 1932		343	1 of 1	Bogart	S	С	P		w/s of Arlington
February 1932		344	1 of 1	Bogart	S	С	P		Nutley to Belleville
February 1932		345	1 of 1	Bogart	S	С	P		Wallington to Nutley
June 1932		347	l of l	Bogart	s	C	P		Nutley to Belleville
June 1932		348	1 of 1	Bogart	S	С	P		Rutherford
June 1932		349	1 of 1	Bogart	S	С	P		u/s Rutherford
June 1932		350	1 of 1	Bogart	BM/S	С	P		Wallington
December 1932		374	1 of 1	Bogart	S	С	P		Nutley
April 1935		393	1 of 2	Bogart	S	С	P		Rutherford
April 1935		394	l of l	Bogart	s	С	P		Wallington and d/s
November 1935		397	1 of 1	Bogart	BM/S	С	P		Wallington
December ? 1935	<u> </u>	401	1 of 1	Bogart	BM/S	С	P		u/s of Wallington
February 1939	<u> </u>	422	1 of 3	Bogart	BM/S	С	P		Wallington to Belleville
February 1939		424	1 of 1	Bogart	S	С	P		Wallington

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation		
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date
June 1989		797	2 of 15	d/s of abandoned CRR of NJ RR Br to confluence with Hackensack	No	Outside the study area	MCB	10/27/
June 1989		797	3 of 15	d/s of abandoned CRR of NJ RR Br	No	Outside the study area	MCB	10/27/
SURVEYS								
May 1919		239	1 of 1	Jackson St Br to d/s of Penn RR Freight Br	No	No verifiable vertical datum	MCB	10/8/9
March 1919		241	1 of 1	Garfield Br to M&G L RR Br (d/s of Second River)	No	Base Map	MCB	10/13/
November 1920		246	?	Lincoln Hwy (Plank Rd) to LVRR Bridge	No	No verifiable vertical datum	MCB	10/13/
November 1920		247	lofl	Jackson St Br to d/s of Penn RR Freight Br.	No	No verifiable vertical datum	мсв	10/8/
November 1920		248	l of l	Jackson St Br to LVRR Br (d/s of confluence with Hackensack)	No	Base Map	MCB	10/13
February 1921		250	1 of 2	Passaic & Hackensack to Staten Island	No	Base Map	MCB	10/25/
February 1921		251	1 of 1	Passaic City to W Arlington/Hackensack to Secaucus	No	Base Map	MCB	10/25
May 1922		253	l of l	Jackson St Br and d/s	No	No verifiable vertical datum	MCB	10/8/
April 1940		254	1 of	NY & LBRR Bridge to Crossman's Dock	No	Outside the study area	MCB	10/25
1921		254	1 of 2	Lincoln Hwy Br. (Plank Rd Br) to LVRR Br (CRR of NJ RR Br)	No	No verifiable vertical datum	MCB	10/13
May 1922		255	1 of 1	Jackson St. Br. to d/s of Penn Freight RR Br.	No	No verifiable vertical datum	MCB	10/8/
April 1925		270	1 of 3	Rutherford Ave Br to d/s of Second River (M&G RR BR)	No	No verifiable vertical datum/unreadable	MCB	10/13
April 1925		271	l of l	u/s Union Ave Br to d/s Third River	No	Outside the study area	MCB	10/25
April 1925		272	l of l	Garfield Br to Erie RR Br	No	Outside the study area	MCB	10/25
January 1930		306	1 of 1	Rock Areas: w/s of Rutherford Ave Br	No	Outside the study area	MCB	10/25
March 1930		311	1 of 1	w/s of Avondale St. Br. to M&GL RR Br. (Erie RR)	No	Outside the study area	MCB	10/11
March 1930		312	l of l	8th St Br to DL&W RR Br. (Erie Lackawanna RR)	No	Outside the study area	MCB	10/25
December 1930		318	1 of 1	Rock Areas: u/s of Rutherford Ave Br	No	Outside the study area	MCB	10/25
February 1932	1	343	l of l	Shoal approx. 2240 ft. u/s of M&GL RR Br (Erie RR-d/s 2nd River)	No	Outside the study area	MCB	10/11
February 1932		344	1 of 1	Rock areas 1,2,5 (Belleville and Nutley areas)	No	Outside the study area	MCB	10/11
February 1932		345	l of l	Rock areas 3, 4,6 (Wallington and Nutley areas)	No	Outside the study area	MCB	10/2
June 1932		347	l of l	u/s of Avondale Br to Belleville (Crystal Ave)	No	Outside the study area	MCB	10/25
June 1932		348	1 of 1	u/s of Rutherford St Br to d/s Third River	No	Outside the study area	MCB	10/25
June 1932		349	1 of I	u/s of removed Erie RR Br. to d/s of Union Ave Br	No	Outside the study area	MCB	10/25
June 1932		350	1 of 1	8th St Br to d/s of Gregory Ave Br	No	Base Map/Outside the study area	MCB	10/2
December 1932		374	1 of 1	DL &W RR Br (Erie Lackawanna RR- near Lyndhurst)	No	Outside the study area	MCB	10/2
April 1935		393	1 of 2	Union St. Br. to Rutherford Br.	No	Outside the study area	МСВ	10/2
April 1935		394	1 of 1	2nd St Br (Market Dr) to Union Ave Br	No	Outside the study area	мсв	10/2
November 1935		397	l of l	8th St Br to 2nd St. Br (Market Dr Br)	No	Base Map/Outside the study area	MCB	10/2:
December ? 1935		401	1 of 1	Passaic St Br to 8th St Br	No	Base Map/Outside the study area	MCB	10/2
February 1939	<u> </u>	422	l of 3	Passaic River from Wallington to Arlington	No	Base Map/Outside the study area	MCB	10/2
February 1939	 	424	1 of 1	Second St. Br. to Union Ave. Br.	No	Outside the study area	МСВ	11/1.

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	X - Y	Туре	Class.	Water	Dredge	River
Sounding Survey (1)	No.	File No.(2)	No.	Coordinate System	of Map (3)	of Map (4)	Body	Survey (5)	Reach (6)
February 1939		424	3 of	Bogart	s	С	P		Wallington
November 1937		450	l of 1	Bogart	S	С	P		Belleville
October 1944		467	2 of	Bogart	RM	С	P		d/s of Belleville
December 1945		481	l of l	Bogart	S	С	N.B		Lower Newark South
March 1946		482	1 of 2	Bogart	BM/S	С	N.B		Lower Newark South
April 1946		484	l of	Bogart	S	С	P		Harrison
April 1946		484	2 of	Bogart	S	С	P		Newark
April 1946		484	3 of	Bogart	s	С	P		Newark ?
April 1946		484	4 of	Bogart	S	С	P		d/s of Belleville
April 1946		484	5 of	Bogart	S	С	P		Nutley and d/s
April 1946		484	7 of	Bogart	s	С	P		Rutherford
April 1946		484	8 of	Bogart	S	С	P		Wallington
May 1946		486	1 of 1	Bogart	s	С	P		d/s of Rutherford
March 1948	1	492	l of l	Bogart	s	С	P		d/s of Rutherford
July 1948		494	2 of 6	Bogart	S	С	P		Nutley
July 1948		494	3 of 6	Bogart	s	С	P		u/s of Nutley
July 1948		494	4 of 6	Bogart	s	С	P		d/s of Rutherford
July 1948		494	5 of 6	Bogart	S	С	P		u/s of Rutherford
July 1948		494	6 of 6	Bogart	s	С	P		Wallington
January 1949		496	1 of 3	Bogart	ВМ	С	P		Newark to Kearny Point
December 1945		497	1 of	Bogart	BM	С	, H & N.B.		Harrison to Newark Bay & Hack
February/March 1949	Ĭ	497	1 of 6	Bogart	RM	С	P		Harrison
February/March 1949		497	2 of 6		RM	С	P		Harrison
November 1949		501	1 of 1	Bogart	s	С	P		Wallington
May 1949		502	1 of 3	Bogart	RM	С	P		Wallington
February 1950		502	2 of 3	Bogart	S	С	P		Wallington
April 1950		502	3 of 3	Bogart	S	С	P		Wallington
November 1949	<u> </u>	508	1 of 5		RM	С	P		d/s Kearny
May 1950		514	1 of 1	Bogart	S	С	P		d/s of Wallington
May 1950		515	1 of 1	Bogart	s	С	P		w/s of Nutley
June 1950		515	la of l	Bogart	S	С	P		u/s of Nutley
February 1953		538		Bogart	ВМ	С	P		d/s of Belleville
February 1953		538	1 of 7	Bogart	BM	С	P & N.B		Harrison to Newark Bay North
February 1953		538	2 of 7	Bogart	S	С	N.B		Newark Bay North
February 1953		538	6 of 7	Bogart	S	С	N.B		Newark Bay North

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation		
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date
February 1939		424	3 of	Market St Br to Union Ave Br	No	Outside the study area	MCB	10/27/93
November 1937		450	1 of 1	Wreck of scow "Marie" north of Rutgers St Br	No	Outside the study area	MCB	10/11/93
October 1944		467	2 of	u/s of M&GL RR Br (Erie RR-d/s of Second River)	No	Range Map	MCB	10/11/93
December 1945		481	1 of 1	Lower Newark Bay w/s of Kill Van Kull	No	Outside the study area	MCB	10/25/93
March 1946		482	1 of 2	CRR of NJ Br (vicinity of Kill van Kull)	No	Base Map/Outside the study area	MCB	10/25/93
April 1946		484	1 of	Jackson St Br to Penn Freight RR Br	No	Inadequate density of soundings	MCB	10/11/93
April 1946		484	2 of	u/s of Erie RR Br. (near Clay St) to Jackson St. Br	No	Inadequate density of soundings	MCB	10/11/93
April 1946		484	3 of	d/s of Erie RR Bridge	No	Inadequate density of soundings	MCB	10/11/93
April 1946		484	4 of	u's Rutgers St Br to M&GL RR Br (Erie RR-d/s 2nd River)	No	Inadequate density of soundings	MCB	10/11/93
April 1946		484	5 of	Avondale St Br to u/s of Rutgers St Br	No	Outside the study area	MCB	10/25/93
April 1946		484	7 of	Erie RR Br to Union Ave Br	No	Outside the study area	MCB	10/25/93
April 1946		484	8 of	8th St Br to Gregory Ave Br	No	Outside study area/Insufficient density	MCB	10/26/93
May 1946		486	l of l	DL&W RR Br. (Route 25 A)	No	No coordinates	MCB	10/26/93
March 1948		492	l of l	Rutherford Ave Br	No	Outside the study area	MCB	10/26/93
July 1948		494	2 of 6	Avondale Ave Br and d/s	No	Outside the study area	MCB	10/26/93
July 1948		494	3 of 6	DL&W RR Br (w/s 3rd River) to Avondale Br	No	Outside the study area	MCB	10/26/93
July 1948		494	4 of 6	w/s of Rutherford Ave (Route 3) Br to DL&W RR Br (w/s 3rd River)	No	Outside the study area	МСВ	10/26/93
July 1948		494	5 of 6	Gregory Ave Br to d/s of Union Ave Br	No	Outside the study area	MCB	10/26/93
July 1948		494	6 of 6	8th St Br to Gregory Ave Br	No	Outside the study area	MCB	10/26/93
January 1949		496	1 of 3	Erie RR Br confluence with Hackensack	No	Base Map	мсв	10/11/93
December 1945		497	1 of	Lower Hackensack and Passaic Rivers to Upper Newark Bay	No	Base Map	MCB	10/14/93
February/March 1949		497	l of 6	d/s of Jackson St. Br	No	Range Map	мсв	10/11/93
February/March 1949		497	2 of 6	u/s Jackson St Br to d/s Penn RR Br	No	Range Map	MCB	10/11/93
November 1949		501	1 of 1	8th St Br to Gregory Ave Br	No	Outside the study area	MCB	10/26/93
May 1949		502	1 of 3	8th St Br to Gregory Ave Br	No	Range Map/Outside the study area	MCB	10/26/93
February 1950		502	2 of 3	8th St Br to Gregory Ave Br	No	Outside the study area	мсв	10/26/93
April 1950		502	3 of 3	8th St Br to Gregory Ave Br	No	Outside the study area	MCB	10/26/93
November 1949		508	1 of 5	Clay St Br to Bridge St Br	No	Outside the study area	MCB	11/3/93
May 1950		514	1 of 1	Gregory Ave Br	No	Outside the study area	MCB	10/26/93
May 1950		515	1 of 1	d/s of confluence with Third River	No	Outside the study area	MCB	10/26/93
June 1950		515	la of l	d/s of confluence with Third River	No	Outside the study area	MCB	10/26/93
February 1953	1	538		w/s of MG&L RR BR (near 2nd River)	No	Range Map	MCB	10/12/93
February 1953		538	1 of 7	Jackson St. Bridge to Newark Bay	No	Base Map	MCB	10/11/93
February 1953		538	2 of 7	d/s of LVRR (CRR of NJ) to u/s Newark Bay Br (1-78)	No	Range Map	MCB	10/11/93
February 1953		538	6 of 7	w/s of Port Newark Terminal Dock	No	Outside the study area	MCB	10/26/93

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	X - Y	Type	Class.	Water	Dredge	River
Sounding Survey (1)	No.	File No.(2)	No.	Coordinate System	of Map (3)	of Map (4)	Body	Survey (5)	Reach (6)
June/Jul./Aug. 1953		539	13 of	N J Mercator	S	С	N.B		Newark Bay North
July - August 1955		547	l of 2	N J Mercator	S	С	N.B		Newark Bay Middle
July - August 1955		547	2 of 2	N J Mercator	S	C	N.B		Newark Bay Middle
January 1956		548	1 of 2	N J Mercator	ВМ	С	N.B		Newark Bay North
Apr Dec '56, Jan. '57		558	1 of 3	N J Mercator	s	С	N.B		Newark Bay South
Apr Dec '56, Jan. '57		558	2 of 3	N J Mercator	S	С	N.B		Newark Bay North
Apr Dec '56, Jan. '57		558	3 of 3	Bogart/Mercator	S	С	N.B		Newark Bay South
April/May 1958		559	2 of 6	Bogart/Mercator	S	С	N.B		Newark Bay North to Middle
April/May 1958		559	3 of 6	Bogart/Mercator	S	С	N.B		Newark Bay North
April/May 1958		559	5 of 6	Bogart/Mercator	S	С	N.B		Newark Bay North
April/May 1958		559	6 of 6	Bogart/Mercator	s	С	N.B		Newark Bay North
September 1958		561	1 of 1	Bogart/Mercator	S	С	N.B		Newark Bay South
Mar/April/May 1960		563	1 of 12	NJ Mercator	S	С	N.B		Newark Bay South
Mar/April/May 1960		563	2 of 12	NJ Mercator	S	С	N.B		Newark Bay South
Mar/April/May 1960		563	3 of 12	NJ Mercator	S	С	N.B		Newark Bay Middle to South
Mar/April/May 1960		563	4 of 12	NJ Mercator	s	С	N.B	<u> </u>	Newark Bay Middle
Mar/April/May 1960		563	5 of 12	NJ Mercator	S	С	N.B		Newark Bay North
Mar/April/May 1960		563	6 of 12	NJ Mercator	S	С	N.B	<u> </u>	Newark Bay North
Mar/April/May 1960		563	8 of 12	NJ Mercator	Other	С	N.B		Lower Newark Bay
Mar/April/May 1960		563	9 of 12	NJ Mercator	Other	С	N.B		Lower Newark Bay
Mar/April/Sep. 1960	<u> </u>	563	12 of 12		RM	С	P		Point No Point
March 1961	I	565	1 of 6	NJ Mercator	S	С	N.B.,		Newark Bay South
March 1961		565	2 of 6	NJ Mercator	S	С	N.B		Newark Bay South
March 1961		565	3 of 6	NJ Mercator	S	С	N.B		Newark Bay South
March 1961		565	4 of 6	NJ Mercator	S	С	N.B		Newark Bay Middle
March 1961		565	5 of 6	NJ Mercator	s	С	N.B		Newark Bay Middle
May 1961		568	2 of ?	NJ Mercator	ВМ	С	N.B		Newark Bay Middle
July 1955		568	2 of 2		ВМ	С	N.B.		Newark Bay Middle
January 1962		572	1 of 5		RM	С	P		Keamy Point
January 1962		572	2 of 5	Bogart & Mercator	RM	С	P		Kearny Point
January 1962		572	3 of 5	Bogart	RM	С	P&H		Confluence of P & H
January 1962		572	4 of 5	Bogart & Mercator	RM	С	P&H	1	Confluence of P & H
March 1962		575	l of l	NJ Mercator	S	С	N.B	<u> </u>	Newark Bay North
June 1962		576	l of l	?	S	С	N.B	<u> </u>	Newark Bay North
Sep. 1963		586	1 of 1	Bogart	S	С	P	<u> </u>	Wallington

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation		
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date
June/Jul./Aug. 1953		539	13 of	u/s of Port Newark Terminal Dock	No	Outside the study area	MCB	10/26/93
July - August 1955		547	1 of 2	Branch Inshore Channels at Port Newark	No	Outside the study area	MCB	10/26/93
July - August 1955		547	2 of 2	Branch Inshore Channels at Port Newark	No	Outside the study area	MCB	10/26/93
January 1956		548	1 of 2	Lower Passaic and Hackensack Rivers and Newark Bay	No	Base Map/Outside the study area	MCB	10/26/93
Apr Dec '56, Jan. '57		558	1 of 3	w's of CRR of NJ (lower Newark Bay)	No	Outside the study area	MCB	10/26/93
Apr Dec '56, Jan. '57		558	2 of 3	d/s of Newark Bay Br (1-78)	No	Outside the study area	MCB	10/26/93
Apr Dec '56, Jan. '57		558	3 of 3	CRR of NJ Br. to confluence with Kill Van Kull	No	Outside the study area	МСВ	10/26/93
April/May 1958		559	2 of 6	u/s of LVRR Br. (CRR of NJ) to Port Elizabeth Area	No	Outside the study area	MCB	10/26/93
April/May 1958		559	3 of 6	d/s of Newark Bay Br (1-78)	No	Outside the study area	MCB	10/26/93
April/May 1958		559	5 of 6	w/s of Branch and Inshore Channels to Port Newark	No	Outside the study area	MCB	10/26/93
April/May 1958		559	6 of 6	u/s of Branch and Inshore Channels to Port Newark	No	Outside the study area	MCB	10/26/93
September 1958		561	l of l	CRR of NJ Br (south of Port Elizabeth)	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	1 of 12	d/s of Port Elizabeth	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	2 of 12	d/s of Port Elizabeth to u/s of Kill Van Kull	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	3 of 12	Port Elizabeth and d/s	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	4 of 12	near Port Elizabeth	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	5 of 12	d/s Newark Bay Br (I-78)	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	6 of 12	d/s Newark Bay Br (I-78)	No	Outside the study area	MCB	10/26/93
Mar/April/May 1960		563	8 of 12	High water line - Lower Newark Bay	No	Survey includes no soundings	MCB	10/26/93
Mar/April/May 1960		563	9 of 12	High water line - Lower Newark Bay	No	Outside the study area	MCB	10/26/93
Mar/April/Sep. 1960		563	12 of 12	Vicinity of Pulaski Skyway Br	No	Range Map	MCB	11/4/93
March 1961		565	1 of 6	u/s of confluence with Kill van Kull	No	Outside the study area	MCB	10/26/93
March 1961		565	2 of 6	d/s Port Elizabeth to CRR of NJ	No	Outside the study area	MCB	10/26/93
March 1961		565	3 of 6	d/s Port Elizabeth	No	Outside the study area	MCB	10/26/93
March 1961		565	4 of 6	Port Elizabeth and w/s	No	Outside the study area	MCB	10/26/93
March 1961		565	5 of 6	Port Newark to u/s Port Elizabeth	No	Outside the study area	MCB	10/26/93
May 1961		568	2 of ?	Channels to Port Elizabeth	No	Outside the study area/Base Map	MCB	10/26/93
July 1955	,	568	2 of 2	Port Elizabeth and Port Newark	No	Base Map	MCB	10/26/93
January 1962		572	1 of 5	Vicinity of confluence with Hackensack	No	Range Map	MCB	11/4/93
January 1962		572	2 of 5	d/s of abandoned CRR of NJ Br	No	Range Map	MCB	11/4/93
January 1962		572	3 of 5	Ranges near LVRR (CRR of NJ), u/s of confluence	No	Range Map	мсв	11/4/93
January 1962		572	4 of 5	Ranges near LVRR (CRR of NJ), u/s of confluence	No	Range Map	MCB	11/4/93
March 1962		575	1 of 1	d/s of Newark Port Terminal Dock (I-78)	No	Outside the study area	MCB	10/26/93
June 1962		576	1 of 1	Northern Newark Bay	No	Outside the study area	MCB	10/26/93
Sep. 1963		586	1 of 1	8th St Br to Gregory Ave Br	No	Outside the study area	MCB	10/26/93

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	X - Y	Туре	Class.	Water	Dredge	River
Sounding Survey (1)	No.	File No.(2)	No.	Coordinate System	of Map (3)	of Map (4)	Body	Survey (5)	Reach (6)
Sep. 1963		587	1 of 1	Bogart	S	С	P		w/s of Arlington
April 1946 ('657)		591	6 of	Bogart	BM	С	P		Wallington to Belleville
February 1965		593	2 of 3		вм	С	P		Point No Point
February 1965		593	3 of 3		BM	С	P		Point No Point
Feb-May 1966		610	1 of 7	Bogart & Mercator	S	С	P		Nutley to Belleville
April/May 1968		615	1 of 8	NJ Mercator	S	C	N.B		Newark Bay South
April/May 1968	i — —	615	2 of 8	NJ Mercator	S	С	N.B		Newark Bay Middle to South
April/May 1968		615	3 of 8	NJ Mercator	S	С	N.B		Newark Bay Middle to South
May 1970		632	l of l	NJ Mercator	S	С	P		u/s of Rutherford
December 1970		641	1 of 1	NJ Mercator	S	С	P		u/s of Rutherford
May 1970		643	l of l	NJ Mercator	s	С	P		w/s of Rutherford
December 1973		680	1 of 1	NJ Mercator	RM	С	P		d/s of Belleville
January 1974		684	l of l	NJ Mercator	S	С	P		Wallington
March 1974		690	1 of 2	NJ Mercator	S	С	P		d/s of Rutherford
March 1974	+	690	2 of 2	NJ Mercator	s	С	P		Rutherford
May 1974		693	1 of 1	NJ Mercator	s	С	P		d/s of Rutherford
August 1975	 	700	1 of 6	NJ Mercator	S	С	P		Belleville
August 1975	1	700	2 of 6	NJ Mercator	S	С	P		Nutley
August 1975		700	3 of 6	NJ Mercator	s	С	P		Nutley
August 1975		700	4 of 6	NJ Mercator	S	С	P		d/s of Rutherford
August 1975	 	700	5 of 6	NJ Mercator	S	С	P	Ī	u/s of Rutherford
August 1975		700	6 of 6	NJ Mercator	s	С	P		Wallington
December 1975		701	1 of 2	NJ Mercator	S	С	P		u/s of Nutley
December 1975	 	701	2 of 2	NJ Mercator	S	С	P		u/s of Rutherford
February 1976	-	702	1 of 5	NJ Mercator	RM	С	P		Rutherford
February 1976	 	702	2 of 5	NJ Mercator	RM	С	P		Rutherford
March 1976		702	3 of 5	NJ Mercator	RM	С	P		Rutherford
March 1976		702	4 of 5	NJ Mercator	RM	С	P		Rutherford
April 1976		702	5 of 5	NJ Mercator	RM	С	P		u/s of Rutherford
March 1976		704	1 of 1	NJ Mercator	s	С	. P		Nutley
April 1976		707	1 of 3	NJ Mercator	S	С	P	Ĭ	Rutherford
April 1976	+	707	2 of 3	NJ Mercator	s	С	P		Rutherford and u/s
April 1976	 	707	3 of 3	NJ Mercator	S	С	P	1	Nutley
April 1976	+	708	1 of 1	NJ Mercator	S	С	P		Rutherford
April 1977	+	712	1 of 1		RM	С	P		Point No Point

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation		
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date
Sep. 1963		587	1 of 1	d/s of Second River to M&GL RR Br (Erie RR Br)	No	Inadequate density of soundings	мсв	10/12/9
April 1946 ('65?)		591	6 of	Arlington to the mouth of the Passaic River	No	Base Map	MCB	10/12/9
February 1965		593	2 of 3	w/s of the RR Bridge	No	Range Map	MCB	10/11/9
February 1965		593	3 of 3	w/s of the RR Bridge	No	Range Map	MCB	10/11/9
Feb-May 1966		610	1 of 7	Avondale Br to u/s of Rutgers St Br	No	Outside the study area	MCB	10/26/9
April/May 1968		615	1 of 8	d/s of Elizabeth Channel	No	Outside the study area	MCB	10/26/9
April/May 1968		615	2 of 8	Port Elizabeth Channel and d/s	No	Outside the study area	MCB	10/26/9
April/May 1968		615	3 of 8	Port Newark Channel and d/s	No	Outside the study area	MCB	10/26/9
May 1970		632	l of l	Removed Erie RR Br to Union St Br	No	Outside the study area	MCB	10/26/9
December 1970		641	l of l	Vicinity of partially submerged barge (near Union Ave Br)	No	Outside the study area	MCB	10/26/9
May 1970		643	l of l	Vicinity of removed Erie RR Br (u/s of Union St Br)	No	Outside the study area	MCB	10/26/9
December 1973		680	1 of 1	Rutgers St Br to M&GL RR Br (Erie RR-d/s 2nd River)	No	Range Map	MCB	10/13/9
January 1974		684	1 of 1	2nd Ave Br (Market St) to Gregory Ave Br	No	Outside the study area	MCB	10/26/9
March 1974		690	1 of 2	Rutherford Ave Br (Route 3) to d/s of Third River	No	Outside the study area	MCB	10/26/9
March 1974		690	2 of 2	Union Ave Br. and d/s	No	Outside the study area	MCB	10/26/9
May 1974		693	l of l	Rutherford Ave Br (Route 3) to d/s of Third River	No	Outside the study area	MCB	10/26/9
August 1975		700	1 of 6	u/s of Rutgers St Br to M&GL RR Br (Erie RR - d/s of 2nd River)	No	Outside the study area	мсв	10/12/9
August 1975		700	2 of 6	d/s of Avondale Ave	No	Outside the study area	MCB	10/26/9
August 1975		700	3 of 6	u/s of Avondale Ave Br	No	Outside the study area	MCB	10/26/9
August 1975		700	4 of 6	u/s of Rutherford Ave Br (Route 3) to d/s of Third River	No	Outside the study area	МСВ	10/26/9
August 1975		700	5 of 6	Gregory Ave Br to d/s of Union Ave Br	No	Outside the study area	мсв	10/26/9
August 1975		700	6 of 6	2nd Ave Br (Market St) to Gregory Ave Br	No	Outside the study area	MCB	10/26/9
December 1975		701	1 of 2	d/s of confluence with Third River	No	Outside the study area	MCB	10/26/9
December 1975		701	2 of 2	Gregory Ave Br to d/s of Union Ave Br	No	Outside the study area	MCB	10/26/9
February 1976		702	1 of 5	d/s of Union Ave Bridge	No	Range Map/Outside the study area	мсв	10/26/9
February 1976	I	702	2 of 5	d/s of Union Ave Bridge	No	Outside the study area	МСВ	10/26/9
March 1976		702	3 of 5	d/s of Union Ave Br	No	Outside the study area/Range map	MCB	10/12/9
March 1976		702	4 of 5	d/s of Union Ave Bridge	No	Outside the study area	MCB	10/26/9
April 1976		702	5 of 5	d/s of Gregory Ave Br	No	Outside the study area	MCB	10/26/9
March 1976		704	1 of 1	d/s of Rutherford St Br	No	Outside the study area	MCB	10/26/9
April 1976		707	1 of 3	d/s of Union Ave Bridge	No	Outside the study area	MCB	10/26/9
April 1976		707	2 of 3	Gregory Ave Br to d/s of Union Ave Br	No	Outside the study area	MCB	10/26/9
April 1976		707	3 of 3	d/s of Avondale Br	No	Outside the study area	MCB	10/26/9
April 1976		708	1 of 1	d/s of Union Ave Bridge	No	Outside the study area	MCB	10/26/9
April 1977		712	l of 1	u/s of CRR of NJ Bridge	No	Range Map	MCB	10/12/9

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	X - Y	Туре	Class.	Water	Dredge	River
Sounding Survey (1)	No.	File No.(2)	No.	Coordinate System	of Map (3)	of Map (4)	Body	Survey (5)	Reach (6)
August 1979		736 A	l of l		RM	С	N.B.		Newark Bay South
August 1979		736	1 of 1	NJ Mercator	S	С	N.B		Newark Bay North
August 1982		750	l of l	NJ Mercator	S	С	N.B		Newark Bay North
March 1983		761	1 of 4	NJ Mercator	BM	С	P		d/s of Kearny Point
August 1984		780	2 of 5	NJ Mercator	S	С	P		Nutley to Belleville
August 1984		780	3 of 5	NJ Mercator	S	С	P		Nutley
August 1984		780	4 of 5	NJ Mercator	s	С	P		u/s of Nutley
August 1984		780	5 of 5	NJ Mercator	S	С	P		u/s of Rutherford
Nov/December 1986		787	5 of 14	NJ Mercator	S	С	P		d/s Harrison
November 1986		788	1 of 1	?	. ?	С	P		Newark
June 1989		797	1 of 15	NJ Mercator	BM	С	P&H		Passaic & Hackensack
June 1989		797	4 of 15	NJ Mercator	s	С	P		u/s of Point no Point
November 1989		798	2 of 11	NJ Mercator	S	С	P		Belleville
November 1989		798	3 of 11	NJ Mercator	S	С	P		Belleville and u/s
November 1989		798	4 of 11	NJ Mercator	S	С	P		Nutley
November 1989		798	5 of 11	NJ Mercator	S	С	P		Nutley
November 1989		798	6 of 11	NJ Mercator	S	С	P		u/s Nutley
November 1989		798	7 of 11	NJ Mercator	S	С	P		d/s Rutherford
November 1989		798	8 of 11	NJ Mercator	S	С	P		Rutherford
November 1989		798	9 of 11	NJ Mercator	S	С	P		Rutherford
November 1989		798	10 of 11	NJ Mercator	8	С	P		d/s of Wallington
November 1989		798	11 of 11	NJ Mercator	S	С	P		Wallington
June 1992		818	2 of 2	Mercator	?	С	?		Unreadable
?		?	?	Bogart	\$	С	P		w/s of Arlington

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Date of	Index	USACE	Sheet	Survey Range		Evaluation		
Sounding Survey (1)	No.	File No.(2)	No.	(upstream to downstream)	Passed	Reason for Failure (7)	Initials	Date
August 1979		736 A	l of l	Bayonne Bridge (Kill Van Kull)	No	Outside the study area	MCB	10/26/93
August 1979		736	l of l	u/s and d/s of CRR of NJ Bridge (Newark Bay)	No	Outside the study area	MCB	10/12/93
August 1982		750	1 of 1	CRR of NJ Br (lower Newark Bay)	No	Outside the study area	MCB	10/12/93
March 1983		761	1 of 4	Confluence of Passaic and Hackensack with Newark Bay	No	Base Map	MCB	10/12/93
August 1984		780	2 of 5	Avondale Br to u/s of Rutgers St Br (Belleville Turnpike)	No	Outside the study area	MCB	10/26/93
August 1984		780	3 of 5	u/s of Avondale Ave Br	No	Outside the study area	MCB	10/26/93
August 1984		780	4 of 5	u/s of Rutherford St Br (Route 3) to Third River	No	Outside the study area	MCB	10/26/93
August 1984		780	5 of 5	Gregory Ave Br to d/s of Union Ave Br	No	Outside the study area	MCB	10/26/93
Nov/December 1986		7 87	5 of 14	Nj Tumpike and u/s	No	Unreadable	MCB	11/5/93
November 1986		788	l of l	Center St. Bridge	No	Unreadable	MCB	10/8/93
June 1989		797	1 of 15	Upper to Lower Passaic and Hackensack Rivers	No	Base Map	мсв	10/14/93
June 1989		797	4 of 15	d/s of Penn RR Freight Br	No	Unreadable	мсв	10/8/93
November 1989		798	2 of 11	vicinity of Rutgers St Br (BellevilleTurnpike)	No	Outside the study area	MCB	10/12/93
November 1989		798	3 of 11	u/s of Rutgers St. Br	No	Outside the study area	MCB	10/12/93
November 1989		798	4 of 11	d/s of Avondale Br	No	Outside the study area	MCB	11/5/93
November 1989		798	5 of 11	u/s and d/s of Avondale Br	No	Outside the study area	MCB	11/5/93
November 1989		798	6 of 11	d/s of Rutherford Ave Br	No	Outside the study area	MCB	11/5/93
November 1989		798	7 of 11	Vicinity of Rutherford Ave Br	No	Outside the study area	MCB	11/5/93
November 1989		798	8 of 11	d/s of Union Ave Br	No	Outside the study area	MCB	11/5/93
November 1989		798	9 of 11	Vicinity of Union Ave Br	No	Outside the study area	MCB	11/5/93
November 1989		798	10 of 11	d/s of Gregory Ave Bt	No	Outside the study area	MCB	10/26/93
November 1989		798	11 of 11	8th St Br to Gregory St Br	No	Outside the study area	MCB	10/26/93
June 1992		818	2 of 2	Unreadable	No	Unreadable	MCB	10/8/93
?		?	?	d/s of MG&L RR Br (d/s of 2nd River)	No	Date Unknown	MCB	10/8/93

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TABLE B-1

INVENTORY OF BATHYMETRIC SURVEYS Passaic River Study Area, New Jersey

Foot Notes:

- (1) Date from USACE soundings surveys. If no Month is listed none was available or was unreadable
- (2) File & Page No. taken directly from sheets.
- (3) Notes on Map Type: S = Soundings, BM = Base Map, RM = Range Map
- (4) All Available surveys were categorized into 1 of 3 areas: A = surveys within the seven mile study area reach that passed evaluation.
- B = surveys within the Hackensack River (up to Pulaski Skyway Br) and Upper Newark Bay (CRR of NJ to Newark Bay Bridge).
- C = surveys that are out of the seven mile study area and the surveys within the seven mile reach that did not pass the evaluation.
- (5) See attached location map for reach location.
- (6) Each sheet was evaluated for the following criteria:

soundings survey

within the seven mile study reach

verifiable vertical datum plane

adequate density of soundings

suitable scale for digitization

readability

23508/R8TB1REF.XLS 12/28/94(12:14 PM)/RPT/9